

**University of Groningen**

## **The roles of MYO5B in epithelial cells and the intestine**

Leng, Changsen

DOI:  
[10.33612/diss.127906021](https://doi.org/10.33612/diss.127906021)

**IMPORTANT NOTE: You are advised to consult the publisher's version (publisher's PDF) if you wish to cite from it. Please check the document version below.**

*Document Version*  
Publisher's PDF, also known as Version of record

*Publication date:*  
2020

[Link to publication in University of Groningen/UMCG research database](#)

*Citation for published version (APA):*  
Leng, C. (2020). *The roles of MYO5B in epithelial cells and the intestine: A focus on microvillus inclusion disease*. [Thesis fully internal (DIV), University of Groningen]. University of Groningen.  
<https://doi.org/10.33612/diss.127906021>

### **Copyright**

Other than for strictly personal use, it is not permitted to download or to forward/distribute the text or part of it without the consent of the author(s) and/or copyright holder(s), unless the work is under an open content license (like Creative Commons).

The publication may also be distributed here under the terms of Article 25fa of the Dutch Copyright Act, indicated by the "Taverne" license. More information can be found on the University of Groningen website: <https://www.rug.nl/library/open-access/self-archiving-pure/taverne-amendment>.

### **Take-down policy**

If you believe that this document breaches copyright please contact us providing details, and we will remove access to the work immediately and investigate your claim.

*Downloaded from the University of Groningen/UMCG research database (Pure): <http://www.rug.nl/research/portal>. For technical reasons the number of authors shown on this cover page is limited to 10 maximum.*

# Stellingen

Behorende bij het proefschrift

by

Changsen Leng

1. Recycling endosomes control late endo-lysosomal homeostasis. (this thesis)
2. Lysosomes are more susceptible to oxidative damage compared to other organelles because they contain more redox-active iron and fewer antioxidants. (this thesis and Yu et al., *Free Radic Biol Med* 2003)
3. Cells do not actively monitor endosome size during mitosis. (this thesis)
4. Oxidative lysosomal damage and resultant death of enterocytes is part of microvillus inclusion disease (MVID) pathogenesis. (this thesis)
5. Both symmetry and asymmetry serve as highly aesthetic sources of beauty (Zaidel et al., *Symmetry* 2010;2).
6. Lysosomes have numerous survival functions but also act as “suicide bags” in the cells. (this thesis and Turk et al., *J Biol Chem* 2009)
7. Chance favors the prepared mind. (机会青睐于有准备的人)
8. Nothing is impossible to a willing heart. (世上无难事，只怕有心人)